

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/519,621  
Source: PS/10  
Date Processed by STIC: 11/2/05

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 11/02/2005

PATENT APPLICATION: US/10/519,621

TIME: 09:42:44

Input Set : A:\P1918R1.txt

Output Set: N:\CRF4\11022005\J519621.raw

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3 <110> APPLICANT: DESNOYERS, LUC
4   FILVAROFF, ELLEN
6 <120> TITLE OF INVENTION: Methods and Compositions for Modulating and Detecting
7   WISP Activitiy
9 <130> FILE REFERENCE: P1918R1
11 <140> CURRENT APPLICATION NUMBER: US 10/519,621
12 <141> CURRENT FILING DATE: 2004-12-28
14 <150> PRIOR APPLICATION NUMBER: US 60/392,652
15 <151> PRIOR FILING DATE: 2002-06-29
17 <150> PRIOR APPLICATION NUMBER: US 60/408,739
18 <151> PRIOR FILING DATE: 2002-09-06
20 <160> NUMBER OF SEQ ID NOS: 20
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23 <211> LENGTH: 367
24 <212> TYPE: PRT
25 <213> ORGANISM: Homo sapiens
27 <400> SEQUENCE: 1
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32           20           25           30
34 Thr Met Asp Phe Thr Pro Ala Pro Leu Glu Asp Thr Ser Ser Arg
35           35           40           45
37 Pro Gln Phe Cys Lys Trp Pro Cys Glu Cys Pro Pro Ser Pro Pro
38           50           55           60
40 Arg Cys Pro Leu Gly Val Ser Leu Ile Thr Asp Gly Cys Glu Cys
41           65           70           75
43 Cys Lys Met Cys Ala Gln Gln Leu Gly Asp Asn Cys Thr Glu Ala
44           80           85           90
46 Ala Ile Cys Asp Pro His Arg Gly Leu Tyr Cys Asp Tyr Ser Gly
47           95          100          105
49 Asp Arg Pro Arg Tyr Ala Ile Gly Val Cys Ala Gln Val Val Gly
50          110          115          120
52 Val Gly Cys Val Leu Asp Gly Val Arg Tyr Asn Asn Gly Gln Ser
53          125          130          135
55 Phe Gln Pro Asn Cys Lys Tyr Asn Cys Thr Cys Ile Asp Gly Ala
56          140          145          150
58 Val Gly Cys Thr Pro Leu Cys Leu Arg Val Arg Pro Pro Arg Leu
59          155          160          165
61 Trp Cys Pro His Pro Arg Arg Val Ser Ile Pro Gly His Cys Cys
62          170          175          180
64 Glu Gln Trp Val Cys Glu Asp Asp Ala Lys Arg Pro Arg Lys Thr
65          185          190          195

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67  Ala Pro Arg Asp Thr Gly Ala Phe Asp Ala Val Gly Glu Val Glu
68                      200                      205                      210
70  Ala Trp His Arg Asn Cys Ile Ala Tyr Thr Ser Pro Trp Ser Pro
71                      215                      220                      225
73  Cys Ser Thr Ser Cys Gly Leu Gly Val Ser Thr Arg Ile Ser Asn
74                      230                      235                      240
76  Val Asn Ala Gln Cys Trp Pro Glu Gln Glu Ser Arg Leu Cys Asn
77                      245                      250                      255
79  Leu Arg Pro Cys Asp Val Asp Ile His Thr Leu Ile Lys Ala Gly
80                      260                      265                      270
82  Lys Lys Cys Leu Ala Val Tyr Gln Pro Glu Ala Ser Met Asn Phe
83                      275                      280                      285
85  Thr Leu Ala Gly Cys Ile Ser Thr Arg Ser Tyr Gln Pro Lys Tyr
86                      290                      295                      300
88  Cys Gly Val Cys Met Asp Asn Arg Cys Cys Ile Pro Tyr Lys Ser
89                      305                      310                      315
91  Lys Thr Ile Asp Val Ser Phe Gln Cys Pro Asp Gly Leu Gly Phe
92                      320                      325                      330
94  Ser Arg Gln Val Leu Trp Ile Asn Ala Cys Phe Cys Asn Leu Ser
95                      335                      340                      345
97  Cys Arg Asn Pro Asn Asp Ile Phe Ala Asp Leu Glu Ser Tyr Pro
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104 <211> LENGTH: 2830
105 <212> TYPE: DNA
106 <213> ORGANISM: Homo sapiens
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111 ggctgctcgg tcatgacctg tgccactgac gtccaggcat gaggtgggtc 100
113 ctgccctgga cgctggcagc agtgacagca gcagccgccca gcaccgtcct 150
115 ggccacggcc ctctctccag cccctacgac catggacttt actccagctc 200
117 cactggagga cacctcctca cgcccccaat tctgcaagtg gccatgtgag 250
119 tgcccgccat cccacccccg ctgcccgtg ggggtcagcc tcatcacaga 300
121 tggtgtgag tgctgtaaga tgtgcgtcgc gcagcttggg gacaactgca 350
123 cggaggctgc catctgtgac cccacccggg gcctctactg tgactacagc 400
125 ggggaccgcc cgaggtacgc aataggagtg tgtgcacagg tggtcggtgt 450
127 gggctgcgtc ctggatgggg tgcgctacaa caacggccag tccttcagc 500
129 ctaactgcaa gtacaactgc acgtgcatcg acggcgcggt gggctgcaca 550
131 ccactgtgcc tccgagtgcg ccccccgcgt ctctggtgcc cccaccgcg 600
133 gcgctgagc atacctggcc actgctgtga gcagtgggta tgtgaggacg 650
135 acgccaagag gccacgcaag accgcacccc gtgacacagg agccttcgat 700
137 gctgtgggtg aggtggaggc atggcacagg aactgcatag cctacacaag 750
139 cccctggagc ccttgctcca ccagctgcgg cctgggggtc tccactcgga 800
141 tctccaatgt taacgcccag tgcctggcctg agcaagagag ccgcctctgc 850
143 aacttgccgc catgcgatgt ggacatccat acactcatta aggcagggaa 900
145 gaagtgtctg gctgtgtacc agccagaggc atccatgaac ttcacacttg 950
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149 atggacaata ggtgctgcat cccctacaag tctaagacta tcgacgtgtc 1050
151 cttccagtgt cctgatgggc ttggttctc cgcgcaggtc ctatggatta 1100
153 atgcctgctt ctgtaacctg agctgtagga atcccaatga catctttgct 1150
155 gacttggaat cctaccctga cttctcagaa attgccaaact aggcaggcac 1200
157 aaatcttggg tcttgggggac taacccaatg cctgtgaagc agtcagccct 1250
159 tatggccaat aacttttcac caatgagcct tagttaccct gatctggacc 1300
161 cttggcctcc atttctgtct ctaaccattc aaatgacgcc tgatgggtgt 1350
163 gctcaggccc atgctatgag ttttctcctt gatatcattc agcatctact 1400
165 ctaaagaaaa atgcctgtct ctagctgttc tggactacac ccaagcctga 1450
167 tccagccttt ccaagtcact agaagtcctg ctggatcttg cctaaatccc 1500
169 aagaaatgga atcaggtaga cttttaatat cactaatttc ttcttttagat 1550
171 gccaaaccac aagactcttt ggggtccattc agatgaatag atggaatttg 1600
173 gaacaataga ataacttatt atttgagacc tgccaagagg tactgtaatg 1650
175 ggtaattctg acgtcagcgc accaaaacta tcctgattcc aaatatgtat 1700
177 gcacctcaag gtcacaaac atttgccaag tgagttgaat agttgcttaa 1750
179 ttttgatttt taatggaaag ttgtatccat taacctgggc attggttagg 1800
181 ttaagtttct cttcaccctt acactgtgaa gggtagagat taggtttgtc 1850
183 ccagtcagaa ataaaatttg ataaacattc ctggtgatgg gaaaagcccc 1900
185 cagttaatac tccagagaca gggaaagggtc agcccatttc agaaggacca 1950
187 attgactctc acactgaatc agctgctgac tggcagggct ttgggcaggt 2000
189 ggccaggctc ttccttgaat cttctccctt gtcctgcttg ggttcatagg 2050
191 aattggtaag gcctctggac tggcctgtct ggcccctgag agtgggtgcc 2100
193 tggaacactc ctctactctt acagagcctt gagagaccca gctgcagacc 2150
195 atgccagacc cactgaaatg accaagacag gttcaggtag ggggtgtgggt 2200
197 caaaccaaga agtgggtgcc cttggttagc gcctggggtg acctctagag 2250
199 ctggaggctg tgggactcca ggggcccccg tgttcaggac acatctattg 2300
201 cagagactca tttcacagcc tttcgttctg ctgaccaaat ggccagtttt 2350
203 ctggtaggaa gatggaggtt taccagttgt ttagaaacag aaatagactt 2400
205 aataaagggt taaagctgaa gaggttgaag ctaaaaggaa aaggttggtg 2450
207 ttaatgaata tcaggctatt atttattgta ttaggaaaat ataataattt 2500
209 ctggttagaat tcttttattt agggcctttt ctgtgccaga cattgctctc 2550
211 agtgctttgc atgtattagc tcaactgaatc ttcacgacaa tgttgagaag 2600
213 ttcccattat tatttctggt cttacaaatg tgaaacggaa gtcataagag 2650
215 gtgagaaaac tcaaccagag tcaccaggtt ggtgactggg aaagtttagga 2700
217 ttcagatcga aattggactg tctttataac ccatattttc ccctgtttt 2750
219 tagagcttcc aaatgtgtca gaataggaaa acattgcaat aaatggcttg 2800
221 attttttaaa aaaaaaaaaa aaaaaaaaaa 2830
223 <210> SEQ ID NO: 3
224 <211> LENGTH: 440
225 <212> TYPE: DNA
226 <213> ORGANISM: Homo sapiens
228 <400> SEQUENCE: 3
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231 agcagccgcc agcaccgtcc tggccacggc cctctctcca gcccctacga 100
233 ccatggactt tactccagct ccactggagg acacctctc acgcccccaa 150
235 ttctgcaagt ggcatgtga gtgcccgcga tccccacccc gctgcccgtc 200
237 ggggggtcagc ctcatcacag atggctgtga gtgctgtaag atgtgcgctc 250
239 agcagcttgg ggacaactgc acggaggtcg ccatctgtga cccccaccgg 300
241 ggcctctact gtgactacag cggggaccgc ccgaggtacg caataggagt 350

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243 gtgtgcacag gcgccgcac accaccatca ccatcaccat cactaagtga 400
245 ggccgcatag ataactgatc cagtgtgctg gaattaattc 440
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248 <211> LENGTH: 340
249 <212> TYPE: DNA
250 <213> ORGANISM: Homo sapiens
252 <400> SEQUENCE: 4
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255 agcagccgcc agcaccgtcc tggccactgc agtggtcggg gtgggctgcg 100
257 tcctggatgg ggtgcgtac aacaacggcc agtccttcca gcctaactgc 150
259 aagtacaact gcacgtgcat cgacggcgcg gtgggctgca caccactgtg 200
261 cctccgagtg cgcggcgcc gtctctgggt ccccccaccc cggcgcggtga 250
263 gcatacctgg cactgtgtgt gagcagtggg tatgtgcggc cgcacaccac 300
265 catcaccatc accatcacta agtgaggccg catagataac 340
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269 <212> TYPE: DNA
270 <213> ORGANISM: Homo sapiens
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275 agcagccgcc agcaccgtcc tggccactgc agcatggcac aggaactgca 100
277 tagcctacac aagcccttgg agcccttget ccaccagctg cggcctgggg 150
279 gtctccactc ggatctccaa tgttaacgcc cagtgtgtgc ctgagcaaga 200
281 gagccgctc tgcaacttgc ggccatgcga tgtggacatc catacactca 250
283 ttaaggcggc cgcacaccac catcaccatc accatcacta agtgaggccg 300
285 catagataac tgatccagt t 321
287 <210> SEQ ID NO: 6
288 <211> LENGTH: 442
289 <212> TYPE: DNA
290 <213> ORGANISM: Homo sapiens
292 <400> SEQUENCE: 6
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295 agcagccgcc agcaccgtcc tggccactgc aggaagaag tgtctggctg 100
297 tgtaccagcc agaggcatcc atgaacttca cacttgcggg ctgcatcagc 150
299 acacgctcct atcaacccaa gtactgtgga gtttgcattg acaatagggtg 200
301 ctgcatcccc tacaagtcta agactatcga cgtgtccttc cagtgtcctg 250
303 atgggcttgg cttctccgcg caggtcctat ggattaatgc ctgcttctgt 300
305 aacctgagct gtaggaatcc caatgacatc tttgtgtgact tggaatccta 350
307 ccctgacttc tcagaaattg ccaacgcggc cgcacaccac catcaccatc 400
309 accatcacta agtgaggccg catagataac tgatccagt tg 442
311 <210> SEQ ID NO: 7
312 <211> LENGTH: 619
313 <212> TYPE: DNA
314 <213> ORGANISM: Homo sapiens
316 <400> SEQUENCE: 7
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319 agcagccgcc agcaccgtcc tggccacggc cctctctcca gcccctacga 100
321 ccattgactt tactccagct cactggagg acacctcctc acgcccccaa 150
323 ttctgcaagt ggccatgtga gtgcccgcga tccccacccc gctgcccgt 200

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325 ggggggtcagc ctcatcacag atggctgtga gtgctgtaag atgtgcgctc 250
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329 ggcctctact gtgactacag cggggaccgc ccgaggtagc caataggagt 350
331 gtgtgcacag gtggtcggtg tgggctgcgt cctggatggg gtgctgctaca 400
333 acaacggcca gtccttccag cctaactgca agtacaactg cacgtgcatc 450
335 gacggcgcggtg tgggctgcac accactgtgc ctccgagtgc gccccccgcg 500
337 tctctggtgc cccccccgcg ggcgcgtgag catacctggc cactgctgtg 550
339 agcagtgggt atgtgcggcc gcacaccacc atcaccatca ccatcactaa 600
341 gtgaggccgc atagataac 619

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345 &lt;212&gt; TYPE: DNA

346 &lt;213&gt; ORGANISM: Homo sapiens

348 &lt;400&gt; SEQUENCE: 8

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351 agcagccgcc agcaccgtcc tggccacggc cctctctcca gcccctacga 100
353 ccatggactt tactccagct ccaactggagg acacctcttc acgcccccaa 150
355 ttctgcaagt ggccatgtga gtgcccgcga tccccacccc gctgcccgtc 200
357 ggggggtcagc ctcatcacag atggctgtga gtgctgtaag atgtgcgctc 250
359 agcagcttgg ggacaactgc acggaggctg ccatctgtga cccccaccgg 300
361 ggcctctact gtgactacag cggggaccgc ccgaggtagc caataggagt 350
363 gtgtgcacag gtggtcggtg tgggctgcgt cctggatggg gtgctgctaca 400
365 acaacggcca gtccttccag cctaactgca agtacaactg cacgtgcatc 450
367 gacggcgcggtg tgggctgcac accactgtgc ctccgagtgc gccccccgcg 500
369 tctctggtgc cccccccgcg ggcgcgtgag catacctggc cactgctgtg 550
371 agcagtgggt atgtgaggac gacgccaaga ggccacgcaa gaccgcaccc 600
373 cgtgacacag gagccttcga tgctgtgggt gaggtggagg catggcacag 650
375 gaactgcata gcctacacaa gcccctggag cccttgctcc accagctgctg 700
377 gcctgggggt ctccactcgg atctccaatg ttaacgcccc gtgctggcct 750
379 gagcaagaga gccgcctctg caacttgctg ccatgcgatg tggacatcca 800
381 tacactcatt aaggcggccg cacaccacca tcaccatcac catcactaag 850
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390 &lt;400&gt; SEQUENCE: 9

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393 agcagccgcc agcaccgtcc tggccacggc cctctctcca gcccctacga 100
395 ccatggactt tactccagct ccaactggagg acacctcttc acgcccccaa 150
397 ttctgcaagt ggccatgtga gtgcccgcga tccccacccc gctgcccgtc 200
399 ggggggtcagc ctcatcacag atggctgtga gtgctgtaag atgtgcgctc 250
401 agcagcttgg ggacaactgc acggaggctg ccatctgtga cccccaccgg 300
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409 gacggcgcggtg tgggctgcac accactgtgc ctccgagtgc gccccccgcg 500
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413 agcagtgggt atgtctgcag gcagggaaga agtgtctggc tgtgtaccag 600

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